Abstract

A Transducer

An integrated transducer for measuring a plurality of environmental parameters of effluent, the transducer comprising: a plurality of input ports to connect to a combination of measurement probes for measuring the environmental parameters, the environmental parameters being at least two selected from the group consisting of: temperature, pH, concentration of anions, conductivity, total dissolved solids (TDS), oxidation/reduction potential (ORP), concentration of dissolved oxygen (DO), salinity, and concentration of metallic ions; a processor to process the measured environmental parameters according to predefined rules; and a display to display the processed environmental parameters.

Figure 1